

**In the Claims:**

1-123. Canceled.

- <sup>1</sup>/~~124~~. (Currently amended) An isolated nucleic acid comprising:
- (a) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 387;
  - (b) a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 387, lacking its associated signal peptide;
  - (c) ~~a nucleic acid sequence encoding the extracellular domain of the polypeptide of SEQ ID NO: 387;~~
  - (d) the nucleic acid sequence of SEQ ID NO: 386;
  - (e)(d) the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 386;
  - or
  - (f)(e) the full-length coding sequence of the cDNA deposited under ATCC accession number 203132.

- <sup>2</sup>/~~125~~. (Previously presented) The isolated nucleic acid of Claim <sup>1</sup>/~~124~~ comprising a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 387.

- <sup>3</sup>/~~126~~. (Previously presented) The isolated nucleic acid of Claim <sup>1</sup>/~~124~~ comprising a nucleic acid sequence encoding the polypeptide of SEQ ID NO: 387, lacking its associated signal peptide.

127-128. Canceled.

- <sup>4</sup>/~~129~~. (Previously presented) The isolated nucleic acid of Claim <sup>1</sup>/~~124~~ comprising the nucleic acid sequence of SEQ ID NO: 386.

- <sup>5</sup>/~~130~~. (Previously presented) The isolated nucleic acid of Claim <sup>1</sup>/~~124~~ comprising the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 386.

<sup>6</sup>  
~~131~~. (Previously presented) The isolated nucleic acid of Claim <sup>1</sup>~~124~~ comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 203132.

132-134. (Canceled)

<sup>8</sup>  
~~135~~. (Previously presented) A vector comprising the nucleic acid of Claim <sup>1</sup>~~143~~ or <sup>7</sup>~~124~~.

<sup>9</sup>  
~~136~~. (Previously presented) The vector of Claim <sup>8</sup>~~135~~, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

<sup>10</sup>  
~~137~~. (Previously presented) An isolated host cell comprising the vector of Claim <sup>8</sup>~~135~~.

<sup>11</sup>  
~~138~~. (Previously presented) The host cell of Claim <sup>10</sup>~~137~~, wherein said cell is a CHO cell, an *E. coli* or a yeast cell.

139-142. (Canceled)

<sup>7</sup>  
~~143~~. (Currently amended) An isolated nucleic acid encoding a polypeptide having at least 99% sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 387;
- (b) the amino acid sequence of the polypeptide of SEQ ID NO: 387, lacking its associated signal peptide;
- (c) ~~a amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 387;~~
- (d) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the nucleic acid sequence of SEQ ID NO: 386; or
- (e)(d) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203132; wherein said encoded polypeptide induces chondrocyte redifferentiation.